

Title (en)

Modular plug and method of coupling a cable with twisted wire pair to the same

Title (de)

Modularstecker und Verfahren für seine Kupplung mit einem Kabel mit verdrillten Drahtpaaren

Title (fr)

Fiche modulaire et procédé pour son couplage avec un câble à paire de fils torsadés

Publication

EP 1195854 A1 20020410 (EN)

Application

EP 00402750 A 20001005

Priority

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Abstract (en)

A modular telecommunication plug and a method of coupling a cable with twisted wire pairs to the same. The plug comprises a housing with a wire receivable cavity (1) adapted for guiding bared untwisted ends of the cable wires towards a plug contact end which is provided with grooves (5). The grooves are adapted for receiving straightened bared ends (8) of the wires that will constitute the contact terminals of the plug. In a preferred embodiment, the housing has a fixed part (9) and a removable part (10). The fixed part has the upper wall (3) of the plug housing cavity (1) and the removable part has the lower wall (2) of this cavity, the untwisted wire ends being maintained between these two walls. <IMAGE>

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CPC (source: EP US)

H01R 13/025 (2013.01 - EP US); **H01R 13/6463** (2013.01 - EP US); **H01R 24/64** (2013.01 - EP US); **H01R 13/6474** (2013.01 - EP US)

Citation (search report)

- [XY] US 6010371 A 20000104 - FARLEY L SCOTT [US], et al
- [X] US 5564951 A 19961015 - ATTAL LUCIEN [US], et al
- [X] DE 1440183 A1 19690130 - SIEMENS AG
- [X] GB 2325793 A 19981202 - I PEX CO LTD [JP]
- [Y] US 5176535 A 19930105 - REDMOND JOHN P [US], et al
- [DA] EP 0716477 A2 19960612 - WHITAKER CORP [US]

Cited by

DE102006019297A1; CN109845046A

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